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Figure 1

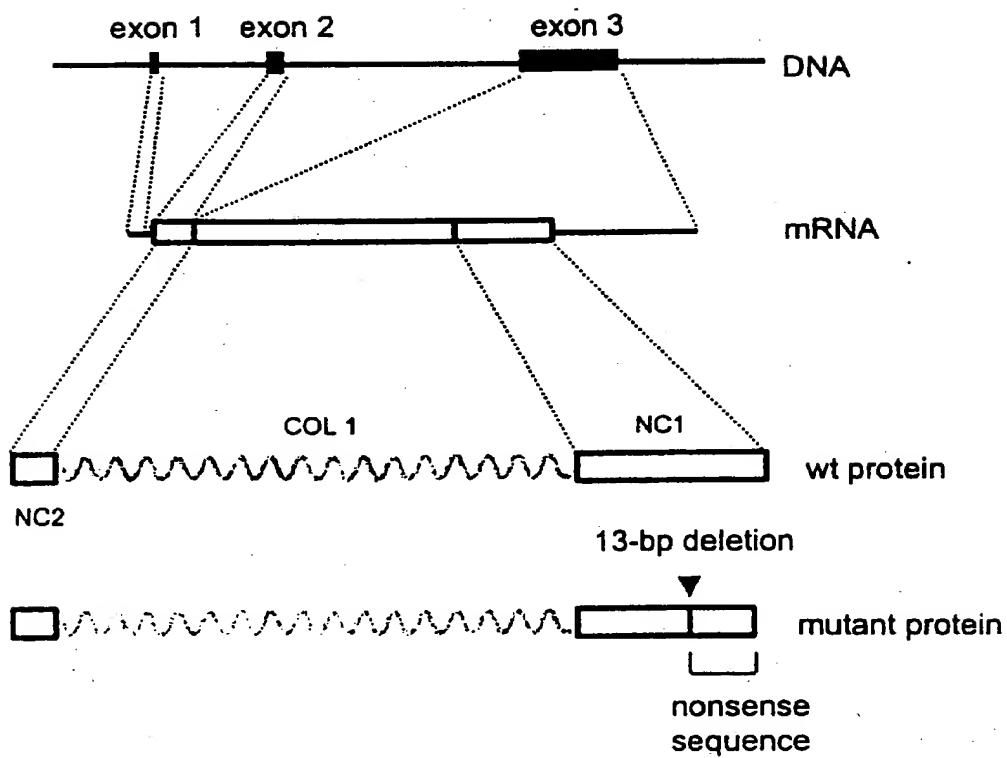




Figure 2

GTC ATG CCT GAT GGC TTC ATA AAG GCA GGC CAG AGG CCC AGG CTT TCT GGG ATG CCG CTT
 val met pro asp gly phe ile lys ala gly gln arg pro arg leu ser gly met pro leu mouse wt

 540
 GTC AGT CCT AAC CAC GGG GTA ACA GGT ATG CCC GTG TCT GCT TTT ACT GTC ATT CTC TCT
 val ser ala asn his gly val thr gly met pro val ser ala phe thr val ile leu ser mouse wt

 560
 AAA GCT TAC CCA GCA GTA GGT CCC CCC ATC CCA TTT GAT GAG ATT CTC TAC AAT AGG CAG
 lys ala tyr pro ala val gly ala pro ile pro phe asp glu ile leu tyr asn arg gln mouse wt

 580
 CAG CAT TAC GAC CCA AGA TCT GGT ATC TTT ACC TGT AAG ATC CCA GGC ATA TAC TAT TTC
 gln his tyr asp pro arg ser gly ile phe thr cys lys ile pro gly ile tyr tyr phe mouse wt

 600
 TCC TAC CAC GTG CAT GTG AAA GGG ACT CAC GTT TGG GTA GGC CTG TAT AAG AAC GGC ACG
 ser tyr his val his val lys gly thr his val trp val gly leu tyr lys asn gly thr mouse wt

 620
 CCT ACG ATG TAC ACG TAT GAT GAG TAC AGC AAA GGC TAC CTG GAT CAG GCT TCA GGG ACT
 pro thr met tyr thr tyr asp glu tyr ser lys gly tyr leu asp gln ala ser gly ser
 mouse wt
 CGT ATG ATG AGT ACA GCA AAG GCT ACC TGG ATC AGG CTT CAG GGA GTG CAA TCA TGG AGC
 arg met met ser thr ala lys ala thr trp ile arg leu gln gly val gln ser trp ser
 pro met met asn thr pro lys ala thr trp ile arg leu gln gly val pro ser ser ile
 mouse 13del
 human 13del

 640
 GCA ATC ATG GAG CTC ACA GAA AAT GAC CAG GTA TGG CTC CAA TTG CCC AAT GCA GAA TCA
 ala ile met glu leu thr glu asn asp gln val trp leu gln leu pro asn ala glu ser
 mouse wt
 TCA CAG AAA ATG ACC AGG TAT GGC TCC AAT TGC CCA ATG CAG AAT CAA ACG GGC TCT ACT
 ser gln lys met thr arg tyr gly ser asn cys pro met gln asn gln thr ala ser thr
 ser gln lys met thr arg cys gly ser ser phe pro met pro ser gln met ala tyr thr
 mouse 13del
 human 13del

 660
 AAC GGC CTC TAC TCC TCT GAG TAC GTC CAC TCG TCC TTC TCA GGA TTC CTA GTG GCT CCC
 asn gly leu tyr ser ser glu tyr val his ser ser phe ser gly phe leu val ala pro
 mouse wt

 671
 CCT CTG AGT ACG TCC ACT CGT CCT TCT CAG GAT TCC TAG
 pro leu ser thr ser thr arg pro ser gln asp ser STOP
 pro leu ser met ser thr pro leu ser gln asp ser STOP
 mouse 13del
 human 13del

 680
 ATG TGA
 met STOP
 mouse wt



Figure 3

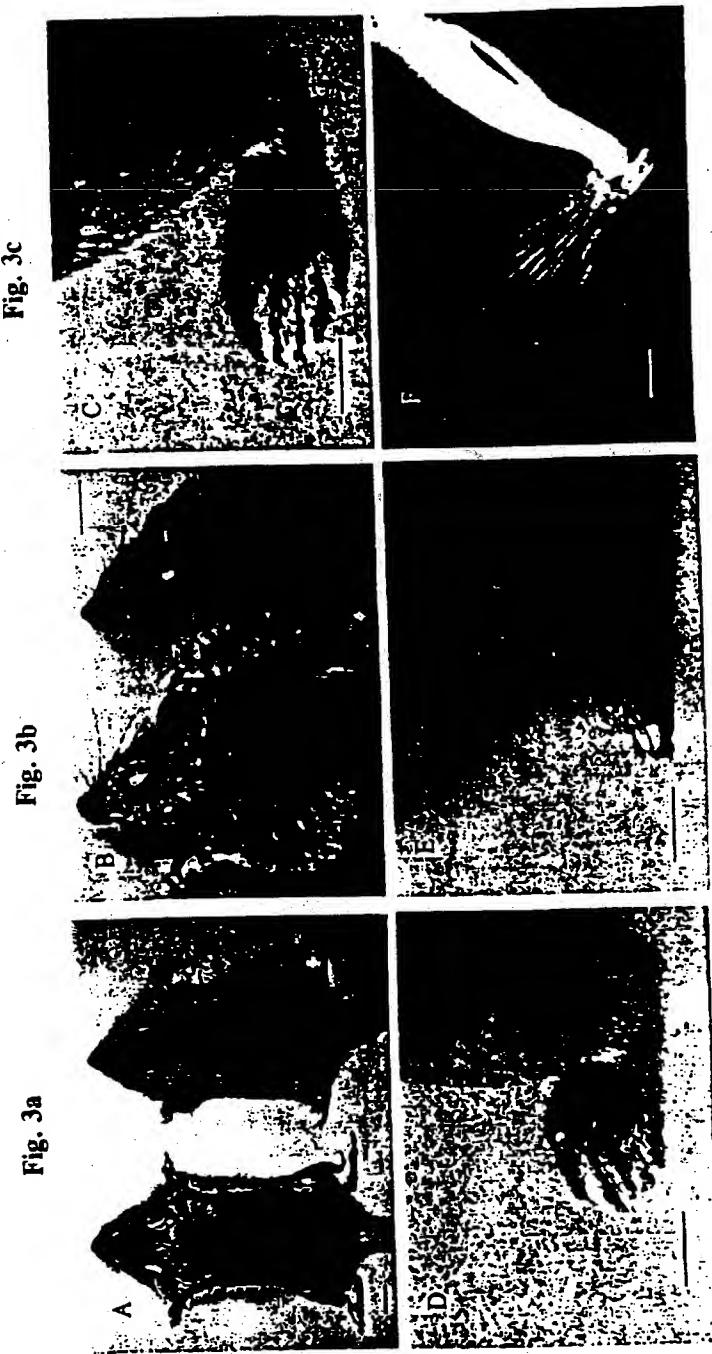


Fig. 3a

Fig. 3b

Fig. 3c

Fig. 3d

Fig. 3e

Fig. 3f



Fig. 4b

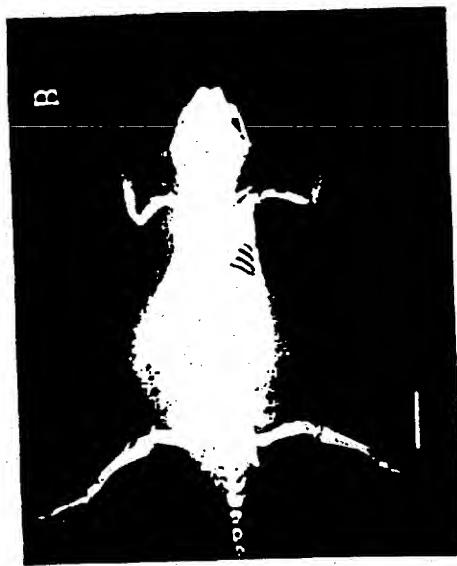


Fig. 4a

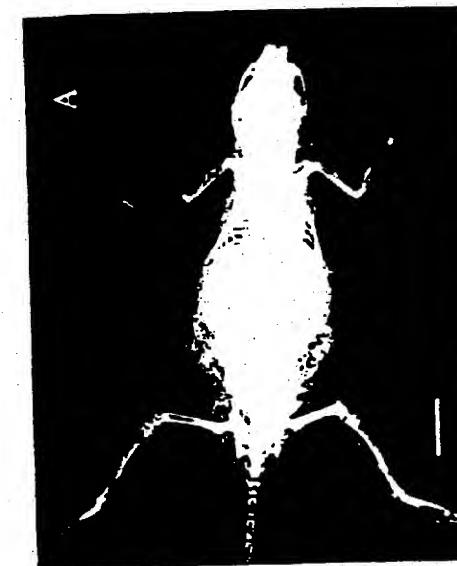


Figure 4

Fig. 4d



Fig. 4c





Fig. 5b

Figure 5

Fig. 5d

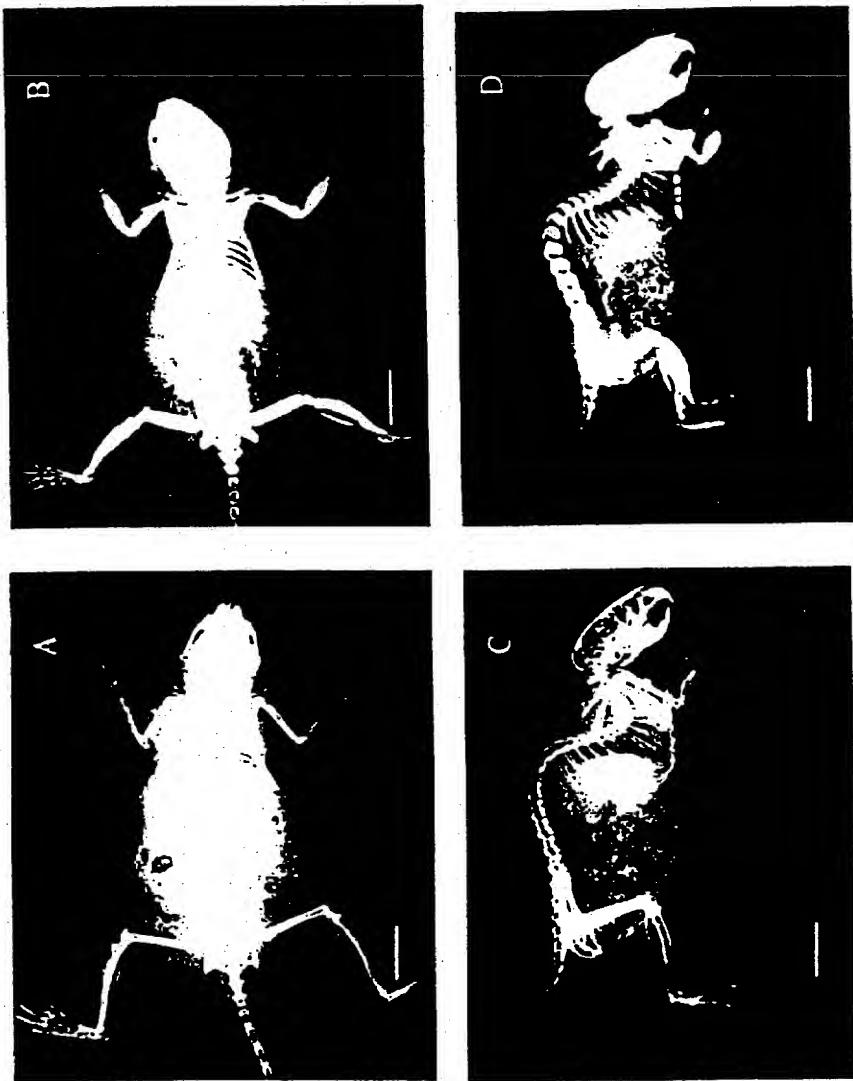


Fig. 5a

Fig. 5c



Figure 6

Fig. 6b



A

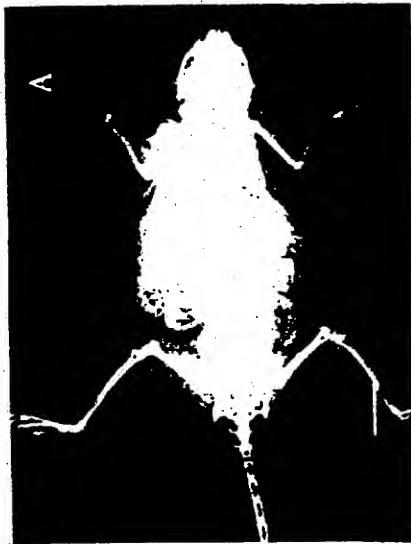


Fig. 6a

Fig. 6d

D



C



Fig. 6c



Figure 7

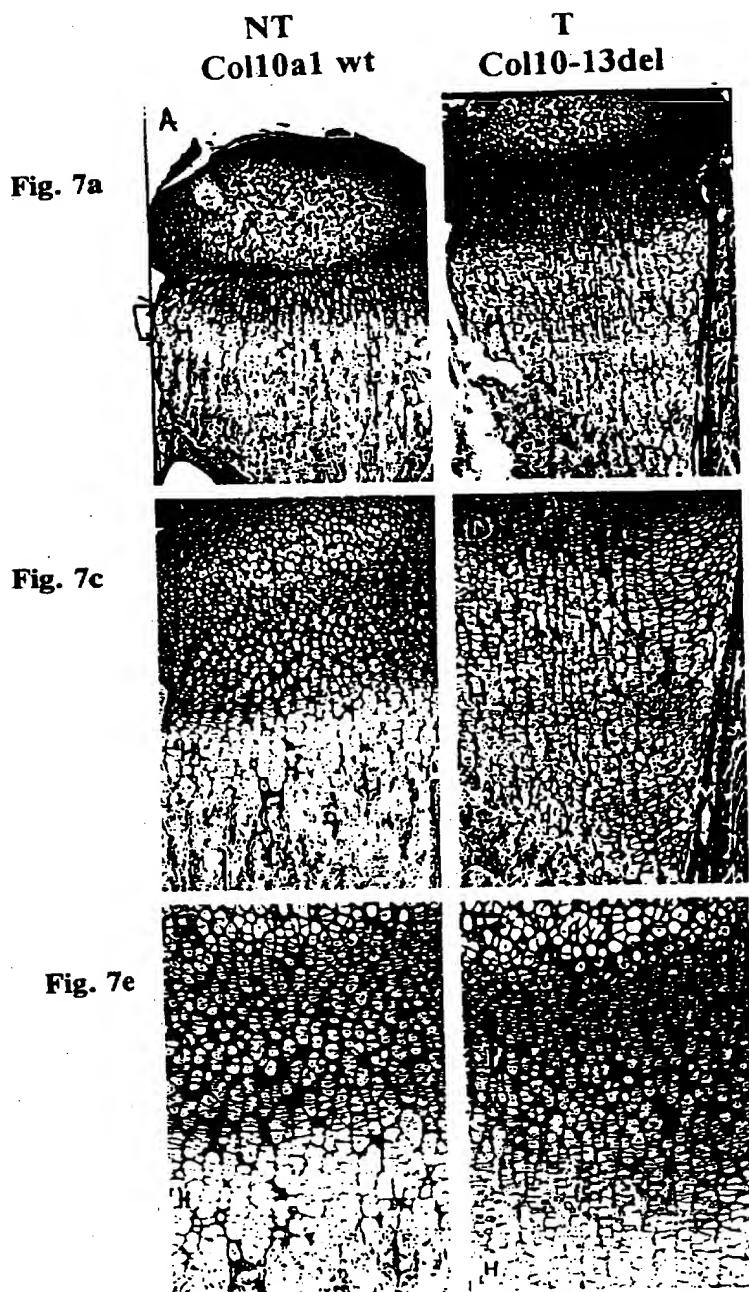




Figure 8

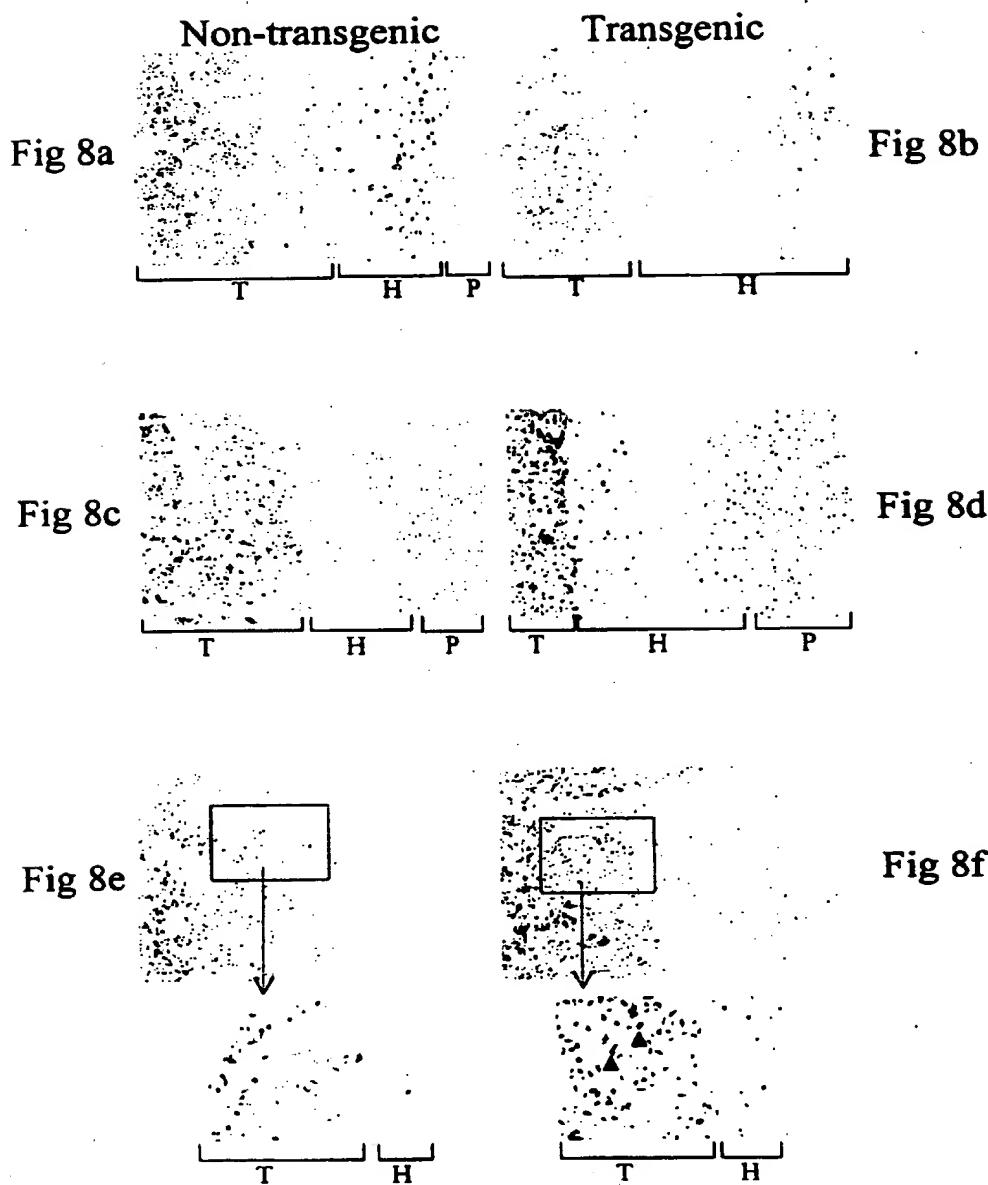




Figure 9

Fig 9a
(100X)

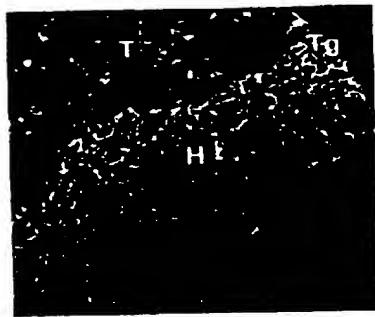


Fig 9c
(100x)

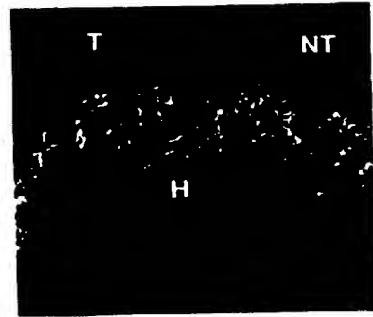
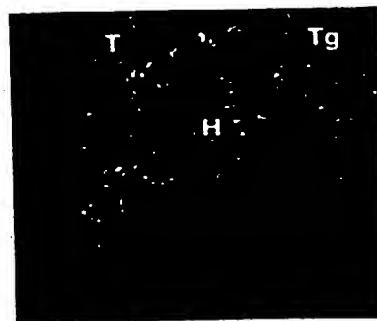


Fig 9b
(100X)

Fig 9d
(1000X)

